Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 9/28/2020 2:53:04 PM
To: Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]; McCord, James [mccord.james@epa.gov]
CC: amy.delinsky@ncdenr.gov; Cantu, Theresa [Cantu.Theresa@epa.gov]
Subject: RE: PFAS Early Eluters

I did respond to Amy that we have seen some of these diprotic species. Also they are an issue with reversed phase. I am told Chemours is working on a method to share with NCDEQ about how they are dealing with them. I told Amy to follow up with Detlefs group and Lam Leung at Chemours.

Mark

From: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Sent: Monday, September 28, 2020 6:48 AM
To: McCord, James <mccord.james@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>
Cc: amy.delinsky@ncdenr.gov; Cantu, Theresa <Cantu.Theresa@epa.gov>
Subject: FW: PFAS Early Eluters

James and Mark,

Maybe Amy already asked you about this, but just in case, please help her out with what you've learned about these early eluting compounds.

I think Mark talked about the diprotic adducts a bit during the recent A&WMA meeting. I think we have things going on to assess the GC compounds too.

Thank you all very much,

Andy

From: Delinsky, Amy <amy.delinsky@ncdenr.gov>
Sent: Friday, September 25, 2020 10:12 AM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Subject: PFAS Early Eluters

Hi Andy,

I you are doing well and things are going well at EPA. I wanted to ask you about several problematic early eluting PFAS analytes—the ones we have the most issues with are on the first page of the attached PDF. Five of these compounds have acid functional groups on both terminal ends. The second and third pages show our additional analytes (which are performing pretty well).

Have you done any method development for the compounds on the first page of the attached PDF or know anyone who has? I am particularly interested in the HPLC column/conditions and whether or not the diprotic acid analytes form any doubly charged species in the mass spectrometer.

Several labs are now trying to develop an analytical method for the compounds on the first page of the PDF with some difficulty and I am trying to help them along.

Which PFAS compounds are you all looking at by GC?

Thank you,

Amy Delinsky, Ph.D.
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